

United States of America  
Department of Transportation — Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA501EA-D

*This certificate, issued to* American Airlines, Inc.  
Maintenance & Engineering Center  
Tulsa, Oklahoma 74151

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 4b of the Civil Air Regulations.* (See T.C. Data Sheet A3WE)

*Original Product — Type Certificate Number:* A3WE  
*Make:* Boeing  
*Model:* See attached Master Eligibility List  
Number SA501EA-D

*Description of Type Design Change:*

See Page 2.

*Limitations and Conditions:* The approval of this change in type design applies basically to the aircraft models listed on FAA Approved Master Eligibility List Number SA501EA-D and should not be extended to other specific models of those airplanes on which other previously approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that airplane.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* April 24, 1967

*Date reissued:*

*Date of issuance:* April 24, 1967

*Date amended:* 7/11/67, 11/6/67, 4/30/68, 5/29/68  
7/7/69, 9/30/69, 3/26/71, 4/23/71, 5/28/71,  
*By direction of the Administrator* 8/16/71



K. B. Olsen

(Signature)

DAS-1SW Coordinator

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

United States of America  
Department of Transportation—Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number*

SA501EA-D

Description of Type Design Change:

1. Deletion of auxiliary vertical gyro in accordance with the following American Airlines documents:
  - A) ECO H.00950A dated 4/20/67 and ECO H.00950B dated 6/23/67 on Model 727-23.
  - B) ECO H.01062D dated 5/29/68 on Model 727-123.
  - C) ECO H.01885A dated 1/6/71 on Model 727-2A7.
  - D) ECO H.01849A dated 1/4/71 on Model 727-1A7C.
  - E) ECO H.01060F dated 5/28/71 on Model 727-35.
  - F) ECO H.01061D dated 12/3/68 on Model 727-95.
2. Installation is in accordance with the following FAA approved Airplane Flight Manual supplementary revisions:
  - A) AAL-11 to document D6.8727.3 dated 5/22/68 for Model 727-23.
  - B) AAL-2 to document D6.8727.49 dated 5/22/68 for Model 727-123.
  - C) AAL-1 to document D6.8728.52 dated 3/26/71 on Model 727-2A7.
  - D) AAL-1 to document D6.8727.52 dated 4/23/71 on Model 727-1A7C.
  - E) AAL-5 to document D6.8727.43 dated 5/22/68 on Model 727-35.
  - F) AAL-2 to document D6.8727.46 dated 5/22/68 on Model 727-95.

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

INSTRUCTIONS : The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

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### TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number \_\_\_\_\_

to *(Name of transferee)* \_\_\_\_\_

*(Address of transferee)* \_\_\_\_\_  
*(Number and street)*

\_\_\_\_\_  
*(City, State, and ZIP code)*

from *(Name of grantor) (Print or type)* \_\_\_\_\_

*(Address of grantor)* \_\_\_\_\_  
*(Number and street)*

\_\_\_\_\_  
*(City, State, and ZIP code)*

Extent of Authority (if licensing agreement) : \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date of Transfer : \_\_\_\_\_

Signature of grantor *(In ink)* : \_\_\_\_\_